

Title (en)

Quick release threadless fastener.

Title (de)

Fadenloser und leicht abtrennbarer Verschluss.

Title (fr)

Éléments de fermeture sous fil facilement détachables.

Publication

**EP 0228754 A1 19870715 (EN)**

Application

**EP 86300010 A 19860102**

Priority

US 68009184 A 19841210

Abstract (en)

A quick release threadless fastener for connecting together two pieces of material (11,13) comprising first and second threadless fastener assemblies (10,20) each of which comprises a base (12,22) and a threadless fastener element (19,30), the fastener elements (19,30) being detachably engageable with each other characterised in that the said base (12,22) and fastener element (19,30) of each said assembly (10,20) are adapted to be disposed on opposite sides of the respective piece of material (11,13), each said assembly (10,20) comprising an intermediate member (14,24) which is fixed to the respective said base (12,22) and whose distal end is connectable to the respective fastener element (19,30) after the intermediate member (14,24) has been passed through the respective piece of material (11,13).

IPC 1-7

**A44B 17/00**

IPC 8 full level

**A44B 17/00** (2006.01)

CPC (source: EP US)

**A44B 17/0005** (2013.01 - EP US); **A44B 17/0023** (2013.01 - EP US); **Y10T 24/3609** (2015.01 - EP US); **Y10T 24/3651** (2015.01 - EP US); **Y10T 24/3683** (2015.01 - EP US); **Y10T 24/3685** (2015.01 - EP US)

Citation (search report)

- [A] FR 1500471 A 19671103
- [X] US 3248768 A 19660503 - SILVER BERNARD R
- [A] US 1336156 A 19200406 - DAILEY PRESTON GRACE

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**US 4608734 A 19860902**; EP 0228754 A1 19870715

DOCDB simple family (application)

**US 68009184 A 19841210**; EP 86300010 A 19860102